

[illegible]

|   |      |   |                    |                  |
|---|------|---|--------------------|------------------|
| - | 2364 | (\$diketone\$1 and ((thdeta thmdeta tadeta tadmdeta tbdeta tedeta dheda dbeta dbedata thteta) or (\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE)) (\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE)))) and adduct | USPAT;<br>US-PGPUB | 2003/07/28 14:18 |
| - | 624  | (\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE)) (\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE)))) and adduct  | US-PGPUB           | 2003/07/28 11:29 |
| - | 567  | (\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE)) (\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE)))) and adduct  | US-PGPUB           | 2003/07/28 11:29 |
| - | 4    | (\$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE)) (\$DIAMINE\$1 (TETRAPHENYL- [22-DIMETHYL-11-BIPHENYL] -44-DIAMINE)))) and adduct  | US-PGPUB           | 2003/07/28 12:27 |

|   |  |  |  |                  |
|---|--|--|--|------------------|
| - |  | 5558 ((thdeta thmdeta tadeta tadm deta tb deta tedeta dheda dbeta dbeta thteta) or (( \$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENE DIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE)) | USPAT;<br>US-PGPUB                       | 2003/07/28 15:57 |
| - |  | 315 same (adduct or ligand) dheda dbeta dbeta thteta) or (( \$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENE DIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))                           | US-PGPUB                                 | 2003/07/28 14:17 |
| - |  | 263 same (adduct or ligand) dheda dbeta dbeta thteta) or (( \$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENE DIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))                           | US-PGPUB                                 | 2003/07/28 15:57 |
| - |  | 9900 same (adduct or ligand) dheda dbeta dbeta thteta) or (( \$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENE DIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))                          | US-PGPUB                                 | 2003/07/30 09:00 |
| - |  | 54976 same (adduct or ligand) dheda dbeta dbeta thteta) or (( \$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENE DIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))                         | USPAT;<br>US-PGPUB<br>USPAT;<br>US-PGPUB | 2003/07/30 09:46 |
| - |  | 15049 \$ethylenetriamine\$1  | USPAT;<br>US-PGPUB                       | 2003/07/28 15:55 |
| - |  | 15390 \$ETHYLENEDIAMINE\$1 (5-METHYINONAMETHYLENEDIAMINE)  | USPAT;<br>US-PGPUB                       | 2003/07/30 09:47 |
| - |  | 1975 \$ETHYLENEDIAMINE\$1 (NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)  | US-PGPUB                                 | 2003/07/28 15:56 |
| - |  | 66174 \$ethylenediamine\$1 \$ethylenetriamine\$1 (\$ETHYLENEDIAMINE\$1 (5-METHYINONAMETHYLENEDIAMINE)) (\$ETHYLENEDIAMINE\$1 (NNNN-TETRA-ACETYL-ETHYLENEDIAMINE))  | USPAT;<br>US-PGPUB                       | 2003/07/28 15:56 |
| - |  | 2151 \$diketon\$5 and (\$ethylenediamine\$1 \$ethylenetriamine\$1 (\$ETHYLENEDIAMINE\$1 (5-METHYINONAMETHYLENEDIAMINE)) (\$ETHYLENEDIAMINE\$1 (NNNN-TETRA-ACETYL-ETHYLENEDIAMINE))   | USPAT;<br>US-PGPUB                       | 2003/07/28 15:57 |
| - |  | 4069 same (adduct or ligand) dheda dbeta dbeta thteta) or (( \$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENE DIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))                          | USPAT;<br>US-PGPUB                       | 2003/07/28 15:57 |
| - |  | 277 same (adduct or ligand) dheda dbeta dbeta thteta) or (( \$DIAMINE\$1 (DIETHYL-1-3-PROPANEDIAMINE)) (\$DIAMINE\$1 (NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE))) (\$DIAMINE\$1 (DEHYDROALBIETYLETHYLENEDIAMINE)) (\$DIAMINE\$1 (FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE)) (\$DIAMINE\$1 (N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE)) (\$DIAMINE\$1 (3-NITRO-5-ISOPROPOXYBENZYL-56-DICHLORO-O-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE)) (\$DIAMINE\$1 (NNNN-TETRAETHYL-14-CYCLOHEXYLENE DIAMINE)) (\$DIAMINE\$1 (POLYETHYLENEGLYCOLDIAMINE)) (\$DIAMINE\$1 (PEG-ALPHA.OMEGA-DIAMINE)) (\$DIAMINE\$1 (TETRAGLYCIDYL-49-DIOXADODECANE-112-DIAMINE))                           | USPAT;<br>US-PGPUB                       | 2003/07/28 15:57 |

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|---|-------|--|--------------------|------------------|
| - | 228   | (\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!))   | USPAT;<br>US-PGPUB | 2003/07/30 12:17 |
| - | 48    | (\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!)) not<br>((\$8diketon\$1 and ((thdeta thdmdeta tadeta<br>tadmdeta tbdeta tedeta dheda dbeta dbedeta<br>thteta) or<br>((\$DIAMINE\$1(DIETHYL-1-3-PROPANEDIAMINE))<br>(\$DIAMINE\$1(NN-TETRAMETHYL-18-NAPHTHALENEDIAMINE)))<br>(<br>\$DIAMINE\$1(DEHYDROALBIETYLETHYLENEDIAMINE))<br>(\$DIAMINE\$1(FORMALDEHYDE-DICYANDIAMIDE-ETHYLENEDIAMINE))<br>(\$DIAMINE\$1(N-ETHYL-N-MESYLAMINOETHYL-PARAPHENYLENEDIAMINE))<br>(\$DIAMINE\$1(3-NITRO-5-ISOPROPOXYBENZOYL-56-DICHLORO-O-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1(PHENYL-4-NITRO-6-TRIFLUOROMETHYL-13-PHENYLENEDIAMINE))<br>(\$DIAMINE\$1(NNNN-TETRAETHYL-14-CYCLOHEXYLENEDIAMINE))<br>(\$DIAMINE\$1(POLYETHYLENEGLYCOLDIAMINE)) ( | USPAT;<br>US-PGPUB | 2003/07/28 15:59 |
| - | 60    | \$DIAMINE\$1(1,3,5,7-TETRAETHYL-1,3,5,7-TETRAAZADODECANE-112-DIAMINE)  | USPAT;<br>US-PGPUB | 2003/07/30 08:59 |
| - | 9908  | \$DIAMINE\$1(TETRAPHENYL-[22-DIMETHYL-11-BIPHENYL-11,11'-DIAMINE])   | USPAT;<br>US-PGPUB | 2003/07/30 09:00 |
| - | 3     | erichldoethylenetriaminbarndm\$8diketon\$5um<br>or calcium or Sr! or Ba! OR MG! OR ca!))   | USPAT;<br>US-PGPUB | 2003/07/30 09:00 |
| - | 198   | tri\$yldiethylenetriamine  | USPAT;<br>US-PGPUB | 2003/07/30 09:02 |
| - | 91    | trihexyldiethylenetriamine<br>dimethyldiethylenetriamine<br>triameyldiethylenetriamine<br>tributyldiethylenetriamine<br>triethyldiethylenetriamine<br>dihexylethylenediamine<br>dibutylethylenediamine   | USPAT;<br>US-PGPUB | 2003/07/30 14:30 |
| - | 31    | (\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!)) and   | USPAT;<br>US-PGPUB | 2003/07/30 09:46 |
| - | 55035 | \$ethylenediamine\$1   | USPAT;<br>US-PGPUB | 2003/07/30 09:46 |
| - | 31    | (\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!)) and   | USPAT;<br>US-PGPUB | 2003/07/30 09:47 |
| - | 15405 | \$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE)   | USPAT;<br>US-PGPUB | 2003/07/30 09:47 |
| - | 31    | (\$8diketon\$5 and ((\$ethylenediamine\$1<br>\$ethylenetriamine\$1<br>(\$ETHYLENEDIAMINE\$1(5-METHYINONAMETHYLENEDIAMINE))<br>(\$ETHYLENEDIAMINE\$1(NNNN-TETRA-ACETYL-ETHYLENEDIAMINE)))<br>same (adduct or ligand))) and ((alkaline adj<br>earth) or strontium or barium or magnesium<br>or calcium or Sr! or Ba! OR MG! OR ca!)) and   | USPAT;<br>US-PGPUB | 2003/07/30 12:10 |
| - | 1     | (\$6tal12um)oPNSr! or Ba! OR MG! OR ca!)) and<br>(sol or solgel)   | USPAT;<br>US-PGPUB | 2003/07/30 12:17 |
| - | 44    | ((amine or polyamine) same adduct) and<br>\$8diketon\$5 and (sol or solgel)  | USPAT;<br>US-PGPUB | 2003/07/30 15:37 |

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|---|-------|---|--------------------|------------------|
| - | 16    | ((amine or polyamine) same adduct) and \$8diketon\$5 and ((sol or solgel) same precursor)   | USPAT;<br>US-PGPUB | 2003/07/30 14:33 |
| - | 28    | ((amine or polyamine) same adduct) and \$8diketon\$5 and (sol or solgel)) not ((amine or polyamine) same adduct) and \$8diketon\$5 and ((sol or solgel) same precursor))                        | USPAT;<br>US-PGPUB | 2003/07/30 16:23 |
| - | 13    | ((amine or polyamine) same adduct) and \$8diketon\$5 and (sol or solgel)) and (spin adj coat\$)   | USPAT;<br>US-PGPUB | 2003/07/30 15:38 |
| - | 3     | ((("5389401") or ("6180190") or ("6258157"))).PN.   | USPAT;<br>US-PGPUB | 2003/07/30 16:25 |
| - | 6     | ((("5980983") or ("4189306") or ("6273951") or ("6303391") or ("5919522") or ("4501602"))).PN.  | USPAT;<br>US-PGPUB | 2003/08/09 14:04 |
| - | 26    | (strontium or Sr) same (thd or tetramethylheptanedion\$6 or tetramethylheptane or dpm or dipivaloylmethane or dpm) same (pentamethyldiethylenetriamine or pmdeta)                               | USPAT;<br>US-PGPUB | 2004/05/12 14:46 |
| - | 7     | (strontium or Sr) same (thd or tetramethylheptanedion\$6 or tetramethylheptane or dpm or dipivaloylmethane or dpm) same (pentamethyl adj diethylenetriamine)                                    | USPAT;<br>US-PGPUB | 2004/05/12 14:46 |
| - | 3     | ((("5820664") or ("6110529") or ("5916359"))).PN.   | USPAT;<br>US-PGPUB | 2004/05/12 15:27 |
| - | 0     | ("2003012875").PN.  | USPAT;<br>US-PGPUB | 2004/05/12 16:39 |
| - | 1     | ("20030012875").PN.   | USPAT;<br>US-PGPUB | 2004/05/12 16:40 |
| - | 0     | ("65400489").PN.  | USPAT;<br>US-PGPUB | 2004/05/12 16:40 |
| - | 1     | ("6500489").PN.   | USPAT;<br>US-PGPUB | 2004/05/12 16:42 |
| - | 1     | ("20020015855").PN.   | USPAT;<br>US-PGPUB | 2004/05/12 16:51 |
| - | 1     | ("6500487").PN.   | USPAT;<br>US-PGPUB | 2004/05/12 16:54 |
| - | 1     | ("6214105").PN.   | USPAT;<br>US-PGPUB | 2004/05/12 16:54 |
| - | 10411 | ((metal adj organic) or (metal\$organ\$ or organo\$metal\$) or precursors) same (alternat\$4)   | USPAT;<br>US-PGPUB | 2004/05/13 13:09 |
| - | 6120  | ((metal adj organic) or (metal\$organ\$ or organo\$metal\$) or precursors) AND ((solution or sol or solgel or sol-gel or gel) with (alternat\$4))   | USPAT;<br>US-PGPUB | 2004/05/13 13:09 |
| - | 604   | ((metal adj organic) or (metal\$organ\$ or organo\$metal\$) or precursors) AND ((solution or sol or solgel or sol-gel or gel) same (precursor with (alternat\$4)))                              | USPAT;<br>US-PGPUB | 2004/05/13 13:09 |
| - | 3868  | ((metal adj organic) or (metal\$organ\$ or organo\$metal\$) or precursors) AND ((solution or sol or solgel or sol-gel or gel) with (alternat\$4))) and (MOD or sol or solgel or sol-gel or gel) | USPAT;<br>US-PGPUB | 2004/05/13 13:10 |
| - | 93    | ((metal adj organic) or (metal\$organ\$ or organo\$metal\$) or precursors) AND ((solution or sol or solgel or sol-gel or gel) with (alternat\$4))) and (MOD)                                    | USPAT;<br>US-PGPUB | 2004/05/13 14:35 |
| - | 284   | ((solgel or sol or sol-gel) same solution) and (MOD)  | USPAT;<br>US-PGPUB | 2004/05/13 13:20 |
| - | 109   | ((solgel or sol or sol-gel) same solution) and (MOD same decomposition)   | USPAT;<br>US-PGPUB | 2004/05/13 15:13 |
| - | 8157  | ((solgel or sol or sol-gel) or (MOD same decomposition)) and (SrO! or MgO! or BaO! or CaO! or ((strontium or magnesium or barium or calcium) adj oxide) or magnesia!)                           | USPAT;<br>US-PGPUB | 2004/05/13 13:31 |

|   |      |  |                    |                  |
|---|------|--|--------------------|------------------|
| - | 129  | ((solgel or sol or sol-gel) or (MOD same decomposition)) and (SrO! or MgO! or BaO! or CaO! or ((strontium or magnesium or barium or calcium) adj oxide) or magnesia!)) and (BST or (barium adj strontium adj titanate))  | USPAT;<br>US-PGPUB | 2004/05/13 13:32 |
| - | 1861 | ((solgel or sol or sol-gel) or (MOD same decomposition)) and (SrO! or BaO! or ((strontium or barium) adj oxide))   | USPAT;<br>US-PGPUB | 2004/05/13 13:32 |
| - | 56   | ((solgel or sol or sol-gel) or (MOD same decomposition)) and (SrO! or MgO! or BaO! or CaO! or ((strontium or magnesium or barium or calcium) adj oxide) or magnesia!)) and (BST or (barium adj strontium adj titanate)) and ((solgel or sol or sol-gel) or (MOD same decomposition)) and (SrO! or BaO! or ((strontium or barium) adj oxide)) | USPAT;<br>US-PGPUB | 2004/05/13 13:31 |
| - | 56   | ((solgel or sol or sol-gel) or (MOD same decomposition)) and (SrO! or BaO! or ((strontium or barium) adj oxide)) and (BST or (barium adj strontium adj titanate))  | USPAT;<br>US-PGPUB | 2004/05/13 13:32 |
| - | 1    | ("5980983").PN.  | USPAT;<br>US-PGPUB | 2004/05/13 14:36 |
| - | 109  | ((solgel or sol or sol-gel) same solution) and (MOD same decomposition)  | USPAT;<br>US-PGPUB | 2004/05/13 15:13 |
| - | 89   | ((solgel or sol or sol-gel) same solution) and (MOD same decomposition) ) and ((spin adj coat\$6) or spray\$6)   | USPAT;<br>US-PGPUB | 2004/05/13 15:19 |
| - | 1079 | (427/226).CCLS.  | USPAT;<br>US-PGPUB | 2004/05/13 15:21 |
| - | 3    | ((427/226).CCLS.) and ((ruthenium adj oxide) and (spin adj coat\$3) and (sol or sol-gel or solgel))  | USPAT;<br>US-PGPUB | 2004/05/13 15:22 |
| - | 116  | (ruthenium adj oxide) and (spin adj coat\$3) and (sol or sol-gel or solgel)  | USPAT;<br>US-PGPUB | 2004/05/13 15:23 |
| - | 0    | ((ruthenium adj oxide) and (spin adj coat\$3) and (sol or sol-gel or solgel)) and (tong or evans).in.  | USPAT;<br>US-PGPUB | 2004/05/13 15:24 |
| - | 168  | (ruthenium adj oxide) and (spray\$3) and (sol or sol-gel or solgel)  | USPAT;<br>US-PGPUB | 2004/05/13 15:22 |
| - | 0    | ((ruthenium adj oxide) and (spray\$3) and (sol or sol-gel or solgel)) and (tong or evans).in.  | USPAT;<br>US-PGPUB | 2004/05/13 15:23 |
| - | 8    | (ruthenium adj oxide) same ((spin adj coat\$3) and (sol or sol-gel or solgel))   | USPAT;<br>US-PGPUB | 2004/05/13 15:23 |
| - | 8    | (ruthenium adj oxide) same ((spin adj coat\$3) same (sol or sol-gel or solgel))  | USPAT;<br>US-PGPUB | 2004/05/13 15:26 |
| - | 3    | ((427/226).CCLS.) and (tong or evans).in.  | USPAT;<br>US-PGPUB | 2004/05/13 15:25 |
| - | 1    | ("5464453").PN.  | USPAT;<br>US-PGPUB | 2004/05/13 15:25 |
| - | 1    | ((("5464453").PN.) and (sol or sol-gel or solgel)  | USPAT;<br>US-PGPUB | 2004/05/13 15:39 |
| - | 1    | ((("5464453").PN.) and ruthenium   | USPAT;<br>US-PGPUB | 2004/05/13 15:39 |